### **Accepted Manuscript**

Using nanoindentation and cathodoluminescence to identify the bundled effect of gallium nitride grown by PA-MBE

Hua-Chiang Wen, Wu-Ching Chou, Tun-Yuan Chiang, Yeau-Ren Jeng, Wen-Chung Fan

PII: S0925-8388(16)32991-7

DOI: 10.1016/j.jallcom.2016.09.237

Reference: JALCOM 39071

To appear in: Journal of Alloys and Compounds

Received Date: 18 July 2016

Revised Date: 17 September 2016 Accepted Date: 22 September 2016

Please cite this article as: H.-C. Wen, W.-C. Chou, T.-Y. Chiang, Y.-R. Jeng, W.-C. Fan, Using nanoindentation and cathodoluminescence to identify the bundled effect of gallium nitride grown by PA-MBE, *Journal of Alloys and Compounds* (2016), doi: 10.1016/j.jallcom.2016.09.237.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



#### ACCEPTED MANUSCRIPT

# Using nanoindentation and cathodoluminescence to identify the bundled effect of gallium nitride grown by PA-MBE

Hua-Chiang Wen <sup>a</sup>,\*, Wu-Ching Chou <sup>a</sup>,\*, Tun-Yuan Chiang <sup>b</sup>, Yeau-Ren Jeng <sup>c</sup>
Wen-Chung Fan <sup>a</sup>

<sup>a</sup> Department of Electrophysics, National Chiao Tung University, Hsinchu 300,

#### Taiwan, ROC

<sup>b</sup> Department of Mechanical Engineering, Chin-Yi University of Technology, Taichung 400, Taiwan, ROC

<sup>c</sup> Department of Mechanical Engineering, National Chung Cheng University, Chia-Yi

62102, Taiwan

\* Corresponding author. (Fax) +886 (3) 5725230 (Tel.) + 886 (3) 5712121 Ext.56129

E-mail address: <u>wuchingchou@mail.nctu.edu.tw</u> (W. C. Chou),

a091316104@gmail.com (H. C. Wen)

#### Download English Version:

## https://daneshyari.com/en/article/5461050

Download Persian Version:

https://daneshyari.com/article/5461050

**Daneshyari.com**